APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

[4](ORNL-tr-2464) [5]MONTE CARLO PROGRAM FOR PHOTON AND ELECTRON TRANSPORT CALCULATIONS. [6]Sugiyama, Haruo. [10]Translated for Oak Ridge National Lab., Tenn., from [15]Denki Shikensho Iho; 34: 126-40(1970). [20]25p. [24]Dep. NTIS.

[25]

[26]computers; physics; translations [27]09B, 20

[28]MN-34 [29]P NSA

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

DENKI TSUSHIN GAKKAI ROBUNSHI
(Electronics and Communications in Japan - monthly)
Translation begins with 1963, Vol. 46
Lag time: 6 months
Order from: Scripta Publishing Corporation
1511 K Street, N.W.
Washington, D.C. 20005
1970/71: $ 135.00/year USA and Canada
$ 137.00/year elsewhere
Prices of back volumes available on request
(Prepayment required - surface mail postage is included)

Japan
Mew

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

New Telephone Traffic Engineering Standard in the Nippon Telegraph and Telephone Corporation, by H. Shimada.
JAPANESE, per. Denki Tsushin Gakkai Zasshi.
Vol 49, 1966, pp 1606-1613.
NII Ref: 9022.81 (2402)

Sci-Elec
Aug 68

363,662

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

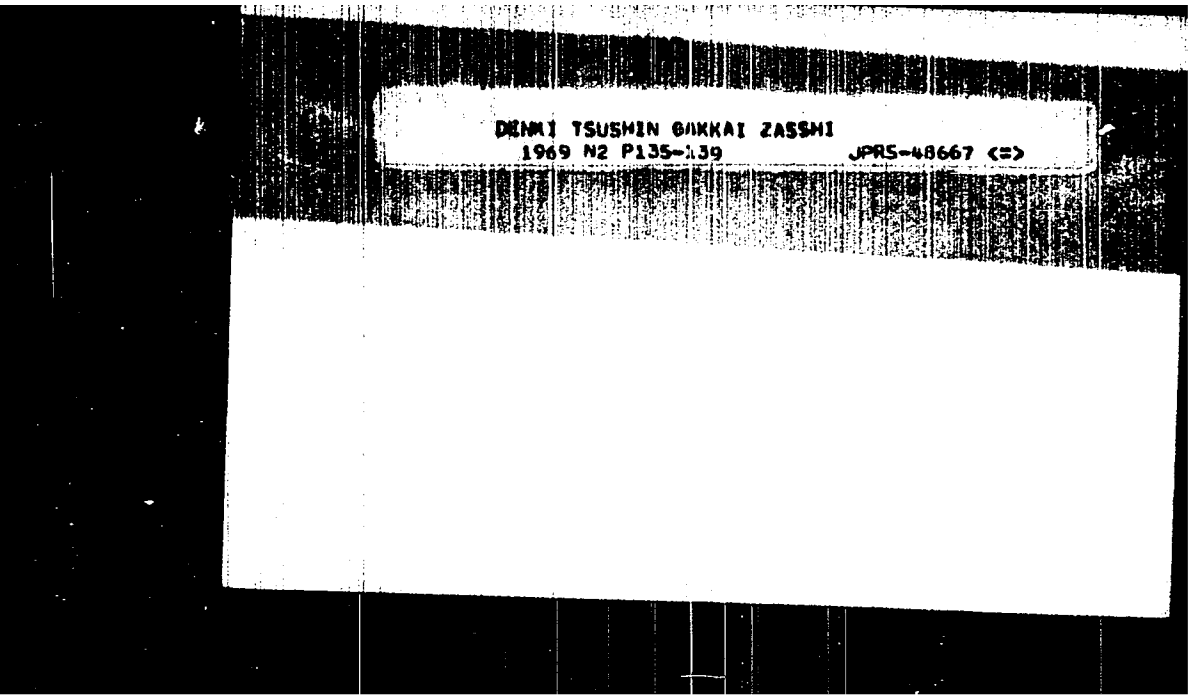
An Anti-sidetone Circuit for Telephone Substation Using a Circulator, by R. Matsuda,. M. Terai.
JAPANESE, per, Denki Tsushin Gakkai Zasshi, Vol51a, 1968, pp 24-30.
NLL Ref: 9022.81 (2497)

Sci-Elec
Sept 69

390,333

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2



APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies of CdS Thin Film Transistors,
by Y. Kashiwaba.
JAPANESE, per, Denki Tsushin Gakkai
Zasshi, Vol 52C, No 2, 1969, pp 157-164
NTC 72-12424-09A

July 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

A Characterization of the Semilinear Sets by Commutative Semigroups With Length and its Application to Parikh's Theorem, by I. Takanami.
JAPANESE, per, Denki Tsushin Gakkai Zasshi, Vol 52C, No 10, 1969, pp 626-631
NTC 72-12420-09B

July 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

The Equations Over Semigroups With Length and Their Applications to Formal Language Theory, by I. Takanami.
JAPANESE, per, Denki Tsushin Gakkai Zasshi, Vol 52C, No 10, 1969,
pp 698-705
NTC 72-12421-09B

July 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

A Filter Using a Block Core, by Y. Shigei,
JAPANESE, per, Denki Tsushin Kenkyusho
Kenkyu Jitsuyoka Kokoku, Vol XIV, No 8,
1965, pp 1507-1513.
ATS 33-117

Sci-Electr
Apr 67

324,816

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies on a Flame-Resistant Epoxy Resin. Part I. Thermal Decomposition and Mechanism of Flame-Resistance of a Tetrabrominated Epoxy Resin, by S. Nara.
JAPANESE, per, Denki Tsushin Kenkyusho Kenkyu Jitsuyoka Hokoku, Vol 20, 1971, pp 1005-1022.
ATS 82Z127J $29.95.
NTC 72-60760-11I
AFS-JS-313

Jan 73

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Results of Computer Operation at the Sakai (Port) Electric Power Station, by Yoshikisu Uchida, 29 pp. JAPANESE, per, Denryoku, Vol XLIX, No 2, 1965, pp 59-68. DIA LN 316.

Math & Data Proc
Aug 65

287,509

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Outline of the Supply and Demand Plan for Electric Power in 1969.
JAPANESE, per, Denryoku Jukyu No Gaiyo, August 1969.
DIA IN 1198-70

Aug 71

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Notes From a Radio Pilgrimage to Southeast Asia, by Keijsai Iwao, 57 p. GOVERNMENT USE ONLY JAPANESE, Ser, Kensni, Nos 3, 4, 5, 1965. JPRS CSO: 3896-S

COPYRIGHT

Fe-Japan
Econ
Oct 65

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

The Electronic Science, 57 pp.
JAPANESE, per. Denshi Kagaku, pp 93-116.
ACSI-K-0725
FSTC-HT-23-53-72

Dec 71

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Survey of China's Electronic Techniques, by Kunio Mano.
JAPANESE, por, Denshi Kagaku, Apr 1966, 35pp.
JPRS CSO: SF-4604

S-512/67

Sci-Electronics
Apr 67

324,193

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

A Comparative Table of 1970 National and Foreign Computer Equipment, 10 pp.
GOVERNMENT USE ONLY
DENSHI KAGAKU, Vol 20, No 1, 1970, p 101.
FSTC-HT-23-972-70

Feb 73

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Laser Application in Manufacturing, 14 pp.
GOVERNMENT USE ONLY
JAPANESE, per, Denshi Kagaku, Vol 20, No 10.
ARM/FSTC/HT-23-591-71

Feb 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

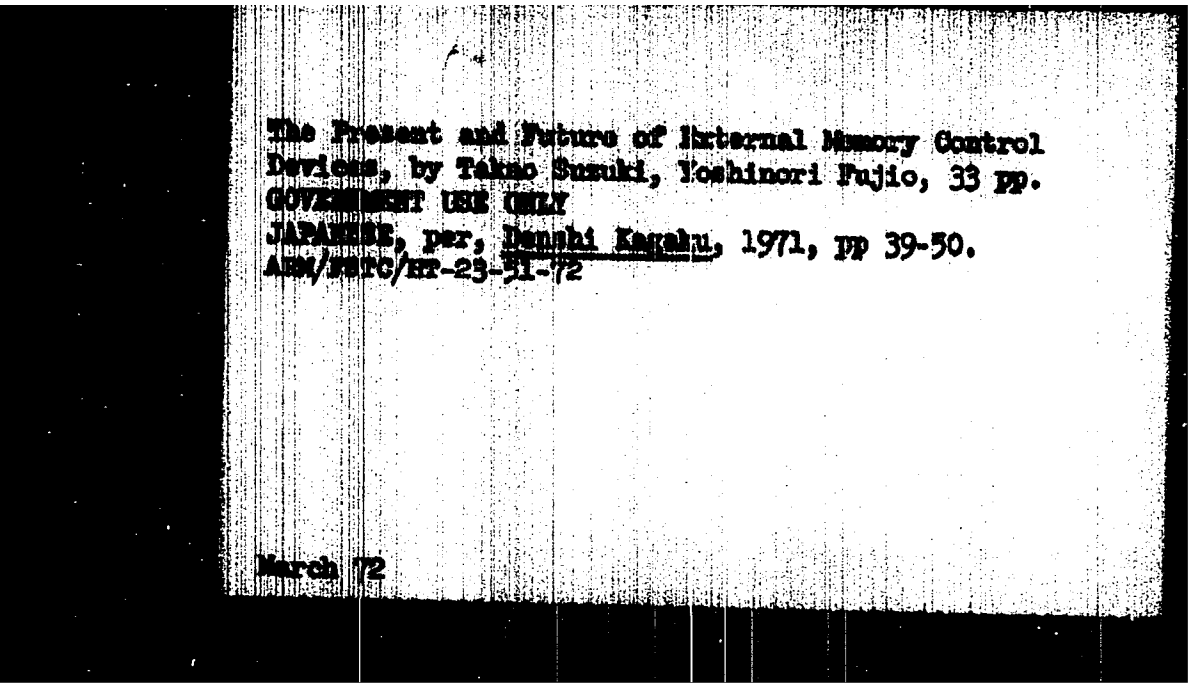
APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Photoelectric Conversion Elements, by
Jun'ichi Nishizawa, 17 pp.
GOVERNMENT USE ONLY
JAPANESE, per, Denshi Kagaku, Vol 20, No 13, Dec 1971,
pp 13.
AEM/FSTC/HT-23-1091-71

June 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

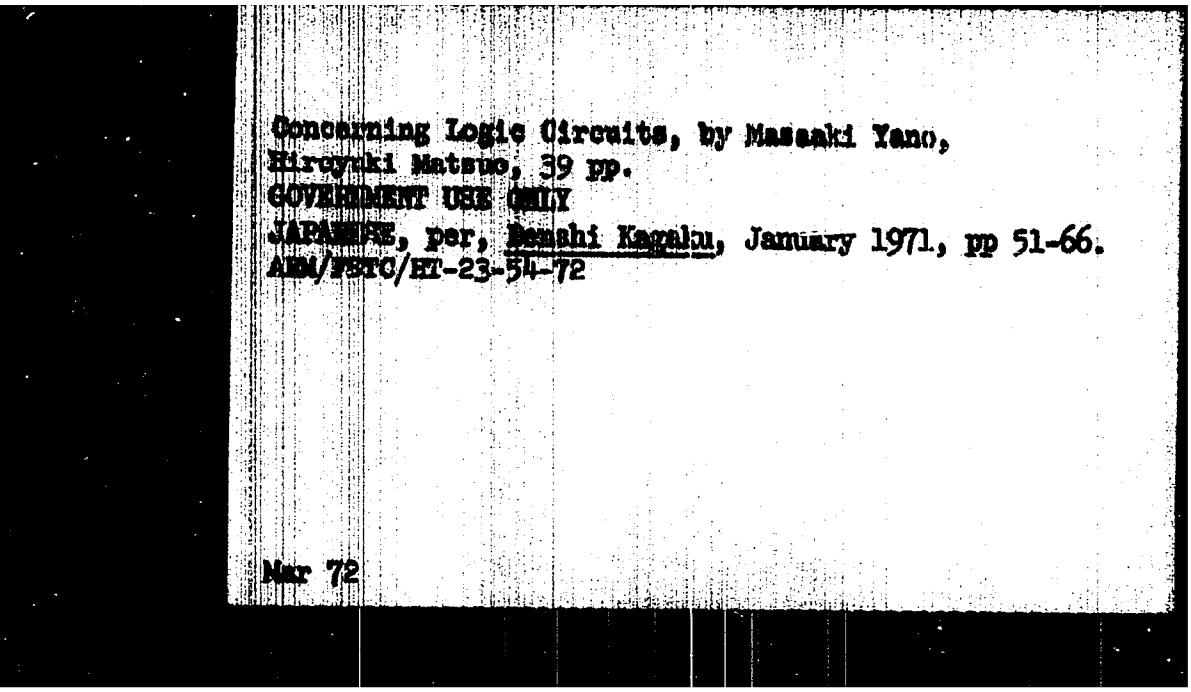


The Present and Future of External Memory Control Devices, by Takao Suzuki, Yoshinori Fujio, 33 pp.
GOVERNMENT USE ONLY
JAPANESE, per, Denshi Kenkyu, 1971, pp 39-50.
AEM/FSTC/HT-23-51-72

March 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2



Concerning Logic Circuits, by Masaaki Yano, Hiroyuki Matsuo, 39 pp.
GOVERNMENT USE ONLY
JAPANESE, per, Denshi Kagaku, January 1971, pp 51-66.
AFM/FSTC/ET-23-54-72

Mar 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

The Present and Future of Internal Memory, by Sato Katsuharu, Hikino Masashi, 38 pp.
GOVERNMENT USE ONLY
JAPANESE, per, Denshi Kagaku, Jan 1971, pp 69-88.
AFM/FSTC/HT-23-52-72

May 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

S. Kimura

A Dispersing Type Infrared Analyzer.
JAPANESE, per, Denshi Kagaku, No 2, 1971,
pp 15-22
MIC 72-13156-20F

sept 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

M. Ouru

A Nondispersing Type Infrared Analyzer.
JAPANESE, per, Denshi Kagaku, No 2, 1971,
pp 23-27
NIC 72-13155-20F

sept 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Batteries for Electric Automobiles, by Kazuo Morohashi,
15 pp.
GOVERNMENT USE ONLY
JAPANESE, per, Denshi Kagaku, Vol 21, No 2, 1971,
pp 71-76.
AEM/WSTC/HT-23-1482-71

Rec 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

c. Thermoelectric Transducers, by Katsushi Yamaguchi, Kiyoshi Sasaki, 19 pp.
GOVERNMENT USE ONLY
JAPANESE, per, Denshi Kagaku, Vol 21, No 5, 1971, pp 39-43.
AEM/WSTC/HT-23-248-72

June 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

SMALL HOLOGRAPHIC CAMERA MARKETED BY FUJI SHA SHINKOKI LTD

LANGUAGE-JA COUNTRY-JA

DENSHI KAGAKU VOL 21 NO 11 NOV 1971 P 117

FSTC-HT-23-2235-72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Electrolytic Development of Resin-Dispersed Zinc Oxide Layer with an Aqueous Solution of 2,3,5-Triphenyltetrazolium Chloride, by S. Nagashima,
JAPANESE, per, Denshi Shashin, Vol VI, No 2, 1965, pp 8-15.
AFS 36-88

Sci-Phys
Apr 67

524,787

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Measurement of Surface Photovoltage of Fine Zinc oxide Powder, by T. Takahashi, JAPANESE, per, Denshi Shashin, Vol VI, No 2, 1968, pp 16-21.
AFS Jo-89

Sci-Phys
Apr 67

324,788

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies of Titanium Dioxide for Electrophotography, by T. Iida, et al,
JAPANESE, per, Denshi Shashin, Vol VI, No 2, 1965, pp 22-28.
ATS 65-93

Sci-Methods * Equip
Apr 67

524,732

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Charging Characteristics of Photoconducting Plates, by Y. Yoshida, et al, JAPANESE, ppr, Denshi Shashin, Vol VI, No 2, 1968, pp 26-31.
AFS JS-83

Sci-~~MMMMMM~~ Methods & Eqpt,
Apr 67 524,757

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Effect of Oxygen on the Electrical Conductivity of Zinc Oxide Powder, by H. Watanabe, et al, JAPANESE, per, Denshi Shashin, Vol VII, No 1, 1966, pp 2-9.
ATS JJ-4686

Sci-Electr
Jul 67

329,110

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies on Transparent Substrate Films, part 2, Reduction of Surface Resistivity of Collulose Diacetate by Laminating a Transparent Cuprous Iodide Layer, by Y. Hayashi, et al, JAPANESE, per, Denshi Shashin, Vol VII, No 1, 1966, pp 10-14.
ATS JJ-4687

Sci-Methods & Equip
Jul 67 329,111

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Preparation and Properties of Photoconductive Evaporated CdS-Cu-Cl Films,
JAPANESE, per, Denshi Shashin, Vol VII, No1, 1966, pp 15-23.
ATS JJ-4690

Sci-Methods & Equip
Juk 67

329,114

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Photosenstive ESR and Photoconductiœ of li- and Ag-Doped Zinc Oxido, by T. Kawaguchi, JAPANESE, per, Denshi Shashin, Vol VII, No 1, 1966, pp 24-30.
ATS JJ-4688

Sci-Phys
Jul 67 329,112

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Measurement of the Triboelectric Characteristics of Powder Developers for Electrophotography, by R. Seimiya, Y. Mitsuhashi, JAPANESE, per, Denshi Shashin, Vol VII, No 1, 1966, pp 31-36.
ATS JJ-4689

Sci-Methods & Euip
Jul 67

329,113

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Reproduction Methods Using "Thermography",
by S. Hoshino, J. Motomiya,
JAPANESE, per, Denshi Shashin, Vol VI, No 3,
1966, pp 58-64.
AFS 35-96

Sci-Methods * Equip
Apr 67

324,795

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Characteristics of Development Images on Zinc Oxide-Resin System Electrophotographic Papers, by K. Hasegawa, et al, JAPANESE, per, Denshi Shashin, Vol VI, No 3, 1966, pp 65-71.
ATS Ja-87

Sci-Methods & Equip
Apr 67

324,786

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Electrophotographic Latent Images, by
H. Kiwoki, et al,
JAPANESE, per, Denshi Shashin, Vol VI, No 3,
1960, pp 72-78.
NTS JS-92

Sci-Electr
Apr 67 324,741

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

The Mechanism of Charge Transfer Through an Air Gap Between Dielectrics, by T. Sakai, JAPANESE, per, Denshi Shashin, Vol VI, No 3, 1966, pp 79-84.
AFS JG-91

Sci-Electr
Apr 67

324,790

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies on Transparent Substrate Films,
Part 1, Antistatic Treatment of Cellulose
Diacetate Films, by Y. Hayashi, A. Imai,
JAPANESE, per, Denshi Shashin, Vol VI, No 3,
1966, pp 85-92.
ATS 85-90

Sci-Phys
Apr 67

324,788 324,789

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Holography, by J. Tsujiuchi.
JAPANESE, per, Denshi Shashin, Vol 7, No 2,
1967, pp 44-56.
ATS JS-145

Sci-Mat
Feb 69

373,848

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

ESR Absorption of Adsorbed Oxygen on Zinc Oxide at Low Temperature. Part 1, Temperature Dependence and UV-Irradiation Effect of ESR Absorption, by T. Kawaguchi.
JAPANESE, per, Denshi Shashin, Vol 7, No 2, 1967, pp 57-64.
ATS JS-128

Sci-Mat
Feb 69

373.831

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Photoelectric Properties of Merocyanine-Sensitized Zinc Oxide Electrophotographic Layers, by T. Kurita.
JAPANESE, per, Denshi Shashin, Vol 7, No 2, 1967, pp 65-69.
ATS JS-125

Sci-Mat
Feb 69

373,828

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Study of Elemtary Processes in Electrostatic Printing. Part I, Electrical Atomization of Liquids, by E. Inoue.
JAPANESE, per, Denshi Shashin, Vol 7, No 2, 1967, pp 71-86.
ATS JS-131

Sci-Mat
Feb 69

373.834

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Principles of Electrostatic Recording and Related Phenomena, by S. Matsui, JAPANESE, per. Denshi Shashin, Vol 7, No 3, 1967, pp 94-99.
ATS JS-135

Sci-Mat
Feb 69

373,838

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Electrostatic Recording for Engineering Applications, by K. Kubota.
JAPANESE, per, Denshi Shashin, Vol 7, No 3, 1967, pp 100-104.
ATS JS-133

Sci-Mat
Feb 69

373,836

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

High-Speed Printer and Facsimile Receiver
Using Electrostatic Recording, by
K. Kobayashi.
JAPANESE, per, Denshi Shashin, Vol 7, No 3,
1967, pp 105-116.
ATS JS-134

Sci-Mat
Feb 69

373,837

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Relief-Type Drum Electrode Electrostatic Super-High-Speed Line Printer, by T. Hojo, JAPANESE, per, Denshi Shashin, Vol 7, No 3, 1967, pp 117-122.
ATS JS-138

Sci-Mat
Feb 69

373,841

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Multicopying Electrostatic Printer, by
K. Tsukatani.
JAPANESE, per, Denshi Shashin, Vol 7, No 3,
1967, pp 123-132.
ATS JS-136

Sci-Mat
Feb 69

373.839

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Powder-Image Transfer Type Electrostatic Printer, by T. Honma, H. Amano, JAPANESE, per, Denshi Shashin, Vol 7, No 3, 1967, pp 133-141.
ATS JS-137

Sci-Mat
Feb 69

373,840

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Study of UNI-Transparent Recording Media for Electrostatic Electrography, by N. Masuda, JAPANESE, per, Denshi Shashin, Vol 7, No 3, 1967, pp 142-150.
ATS JS-140

Sci-Mat
Feb 69

373,843

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Study on Electrostatic Recording Paper, by
S. Kinari, Y. Okajima,
JAPANESE, per, Denshi Shashin, Vol 7, No 3,
1967, pp 151-160.
ATS JS-139

Sci-Mat
Feb 69

373,842

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Surface Photovoltage Studies of Zinc Oxide-Resin Dispersion Layers, by I. Tashiro. JAPANESE, per, Denshi Shashin, Vol 8, No 1, 1967, pp 2-8.
ATS JS-127

Feb 69

373,830

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Electrophotographic Properties of Zinc Oxide-Resin Dispersion Layers, by I. Tashiro. JAPANESE, per. Denshi Shashin, Vol 8, No 1, 1967, pp 9-15.
ATS JS-121

Sci-Mat
Feb 69

373,824

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Spectral Sensitisation of Zinc Oxide-Resin Electrophotographic Layers by Dihydroxynaphthofluoran, by H. Tsukahara.
JAPANESE, per. Denshi Shashin, Vol 8, No 1, 1967, pp 16-20.
ATS JS-124

Sci-Mat
Feb 69

373,827

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Characteristics of Electrostatic Recording Papers, by T. Higaki.
JAPANESE, per, Denshi Shashin, Vol 8, No 1, 1967, pp 21-26.
ATS JS-129;

Sci-Mat
Feb 69

373,832

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Information Processing Mechanism of the Visual System and its Simulation, by K. Hiwatashi, JAPANESE, per. Denshi Shashin, Vol 8, No 2, 1968, pp 32-47.
ATS JS-142

Sci-Mat
Feb 69

373,845

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies on the Elementary Processes of Electrostatic Printing. Part 2, Electrical Dispersion of Liquids, by E. Inoue.
JAPANESE, per, Denshi Shashin, Vol 8, No 2, 1968, pp 48-55.
ATS JS-132

Sci-Mat
Feb 69

373,835

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Divided Electrostatic Capacity Method for Development Electrophotography Without the Edge-Effect, by T. Takada.
JAPANESE, per, Denshi Shashin, Vol 8, No 2, 1968, pp 56-62.
ATS JS-120

Sci-Mat
Feb 69

373,823

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Mechanism of Photoconduction on Sintered Layers of Lead Oxide, by T. Kawaguchi.
JAPANESE, per. Denshi Shashin, Vol 8, No 2, 1968, pp 63-69.
ATS JS-130

Sci-Nat
Feb 69

373.833

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Systematic Interpretation of the Mechanism of Spectral Sensitization of the Photoconductivity of Zinc Oxide, by T. Tani, S. Kikuchi.
JAPANESE, per, Denshi Shashin, Vol 8, No 3, 1968, pp 72-77.
ATS JS-123

Sci-Mat
Feb 69

373.826

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Dependence of the Surface Photovoltage of Powdered Zinc Oxide Layers on the Pressure of Ambient Air, by I. Tashiro.
JAPANESE, per, Denshi Shaphin, Vol 8, No 3, 1968, pp 78-85.
ATS JS-126

Sci-Mat
Feb 69

373,829

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Photoconductivity of Zinc Oxide with More Than Two Adsorbents, by E. Inoue.
JAPANESE, per, Denshi Shashin, Vol 8, No 3, 1968, pp 86-91.
ATS JS-122

Sci-Mat
Feb 69

373,825

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies on the Surface Electron Traps of Photoconductors. I. DPPH and Hammett Methods, by T. Kawaguchi,
JAPANESE, per. Denghi Shaghin, Vol 8, No 3, 1968, pp 92-100.
ATS JS-143

Sci-Mat
Feb 69

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Function of Polarized Space Charge During Latent Image Formation and its Quantitative Description, by K. Nakamura.
JAPANESE, per, Denshi Shashin, Vol 9, No 2, 1970, pp 46-56.
ATS-JS-275

April 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Persistent Internal Polarization of Anthracene Crystals, by K. Seino.
JAPANESE, Per, Denshi Shashin, Vol 9, No 2, 1970, pp 57-63.
ATS-JS-276

Apr 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Determination of Zinc Oxide in Electrophotographic Pape
Paper by Chelatometric Titration of Acid Extract,
by H. Tsukahara,
JAPANESE, per, Denshi Shashin, Vol 9, No 2, 1970,
pp 64-69,
ATS-JS-270

April 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Photoelectric Properties of Zinc Sensitized by Dye Evaporation, by Y. Yonezawa.
JAPANESE, per. Denshi Shashin, Vol 9., No 2, pp 70-77.
ATS-JS-263

April 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Electrophotographic Properties of Titanium Dioxide-Resin Dispersion Layers, by T. Ikda,
JAPANESE, per, Denshi Shashin, Vol 9, No 3, 1970,
pp 80-88.
ATS-JS 280

April 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Dye-Sensitization of Photocurrent in Poly-N-Vinyl-Carbazole, by H. Sato.
JAPANESE, per, Denshi Shashin, Vol 9, No 3, 1970, pp 89-93.
ATS-JS-264

April 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies on Transfer of Electrophotographic Power Images. I. Electrostatic Transfer, by N. Mutsuda.
JAPANESE, per, Denshi Shashin, Vol 9, No 3, 19[illegible],
pp 94-100.
ATS-JS-271

April 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Anomalous Optical Quenching in Amorphous Selenium,
by K. Nakamura.
JAPANESE, per. Denshi Shashin, Vol 9, No 3, 1970,
pp 101-109.
ATS-JS-281

April 71

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies on Transfer of Electrophotographic Powe
Images. II. Deterioration of Developer in a
Developing Device, by N. Kutsuwada.
JAPANESE, per, Denshi Shashin, Vol 10, No 1, 1971,
pp 14-17.
ATS-JS-272

April 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

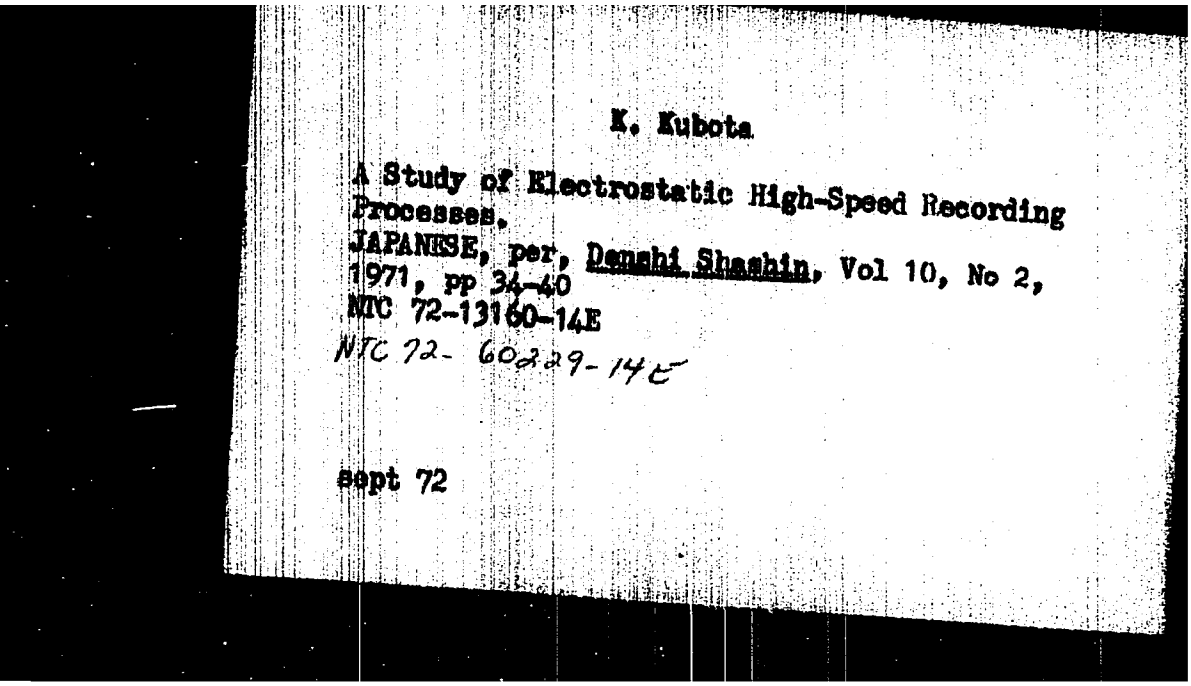
APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Photoconductive Properties of Zinc Oxide Power Layers, by Y. Yamazawa,
JAPANESE, per, Denshi Shashin, Vol 10, No 1, 1971,
pp 18-23,
ATS-JS-262

April 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2



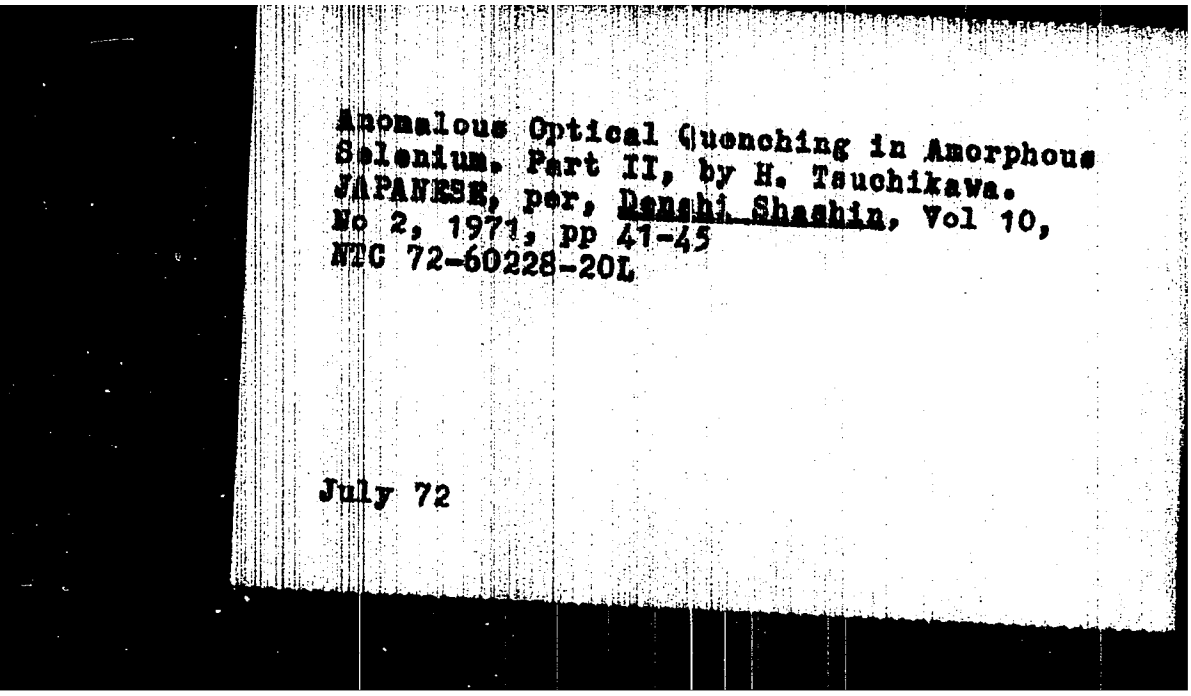
K. Kubota

A Study of Electrostatic High-Speed Recording Processes.
JAPANESE, per, Denshi Shashin, Vol 10, No 2, 1971, pp 34-40
NTC 72-13160-14E
NTC 72- 60229-14E

sept 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

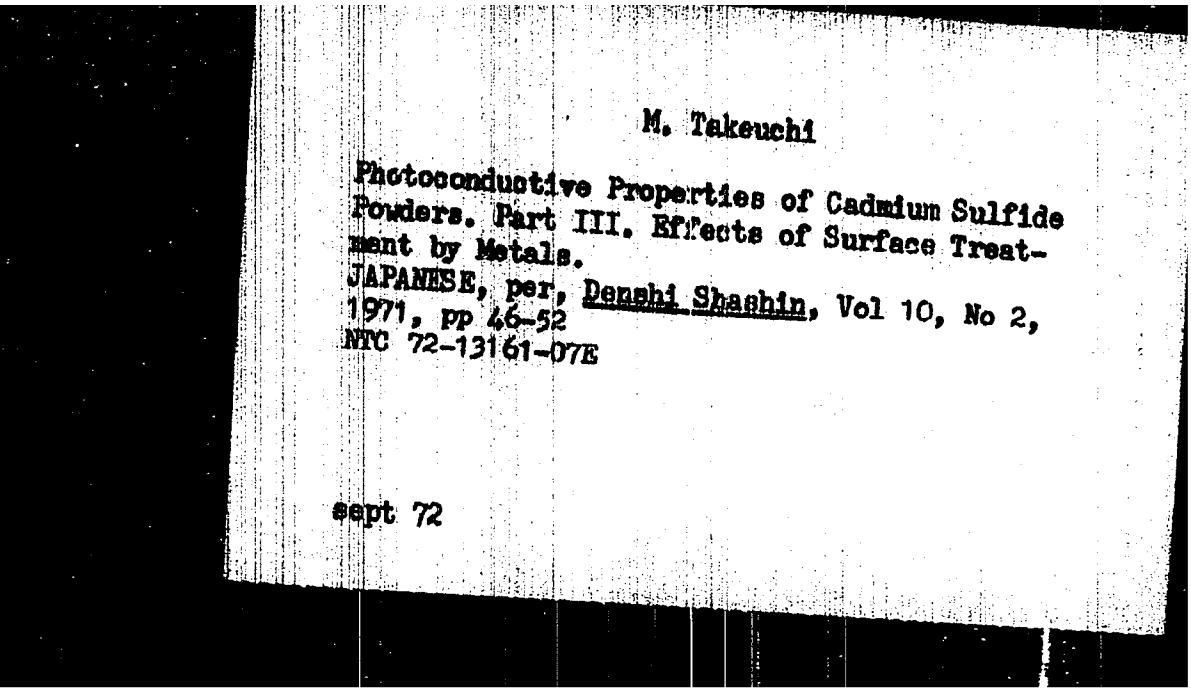


Anomalous Optical Quenching in Amorphous Selenium. Part II, by H. Tsuchikawa. JAPANESE, per, Denshi Shashin, Vol 10, No 2, 1971, pp 41-45
NTC 72-60228-20L

July 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2



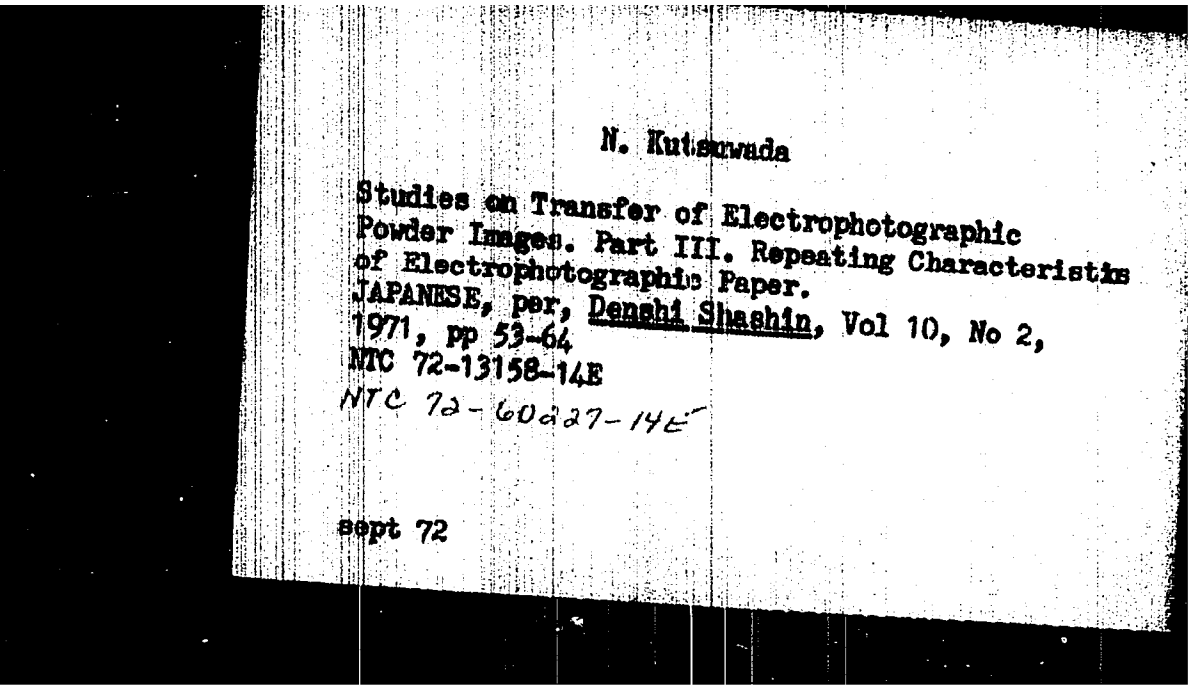
M. Takeuchi

Photoconductive Properties of Cadmium Sulfide Powders. Part III. Effects of Surface Treatment by Metals.
JAPANESE, per, Denshi Shashin, Vol 10, No 2, 1971, pp 46-52
NTC 72-13161-07E

sept 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2



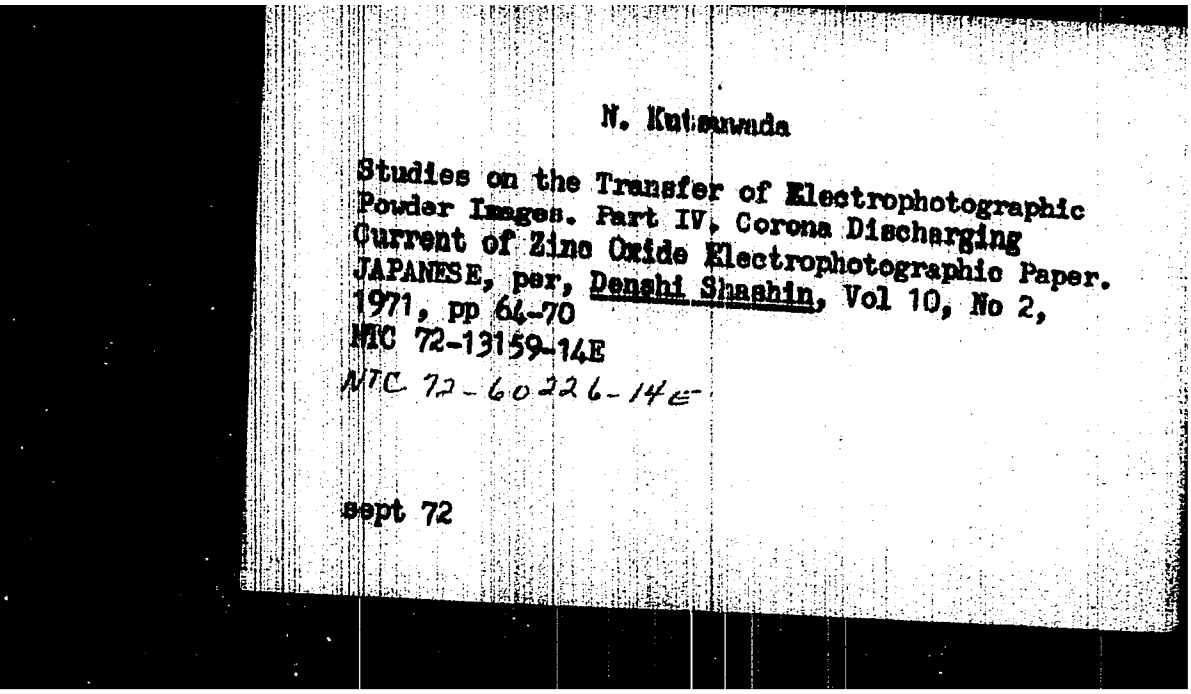
N. Kutsuwada

Studies on Transfer of Electrophotographic Powder Images. Part III. Repeating Characteristics of Electrophotographic Paper.
JAPANESE, per, Denshi Shashin, Vol 10, No 2, 1971, pp 53-64
NTC 72-13158-14E
NTC 72-60027-14E

sept 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2



N. Kutsuwada

Studies on the Transfer of Electrophotographic Powder Images. Part IV, Corona Discharging Current of Zinc Oxide Electrophotographic Paper.
JAPANESE, per, Denshi Shashin, Vol 10, No 2, 1971, pp 64-70
MIC 72-13159-14E
NTC 72-60226-14E

sept 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Image Evaluation in Electrophotography,
by A. Yamanouchi,
JAPANESE, per, Denshi Shashin, Vol 10,
No 2, 1971, pp 71-81
FTD 72-60225-14E

July 72

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

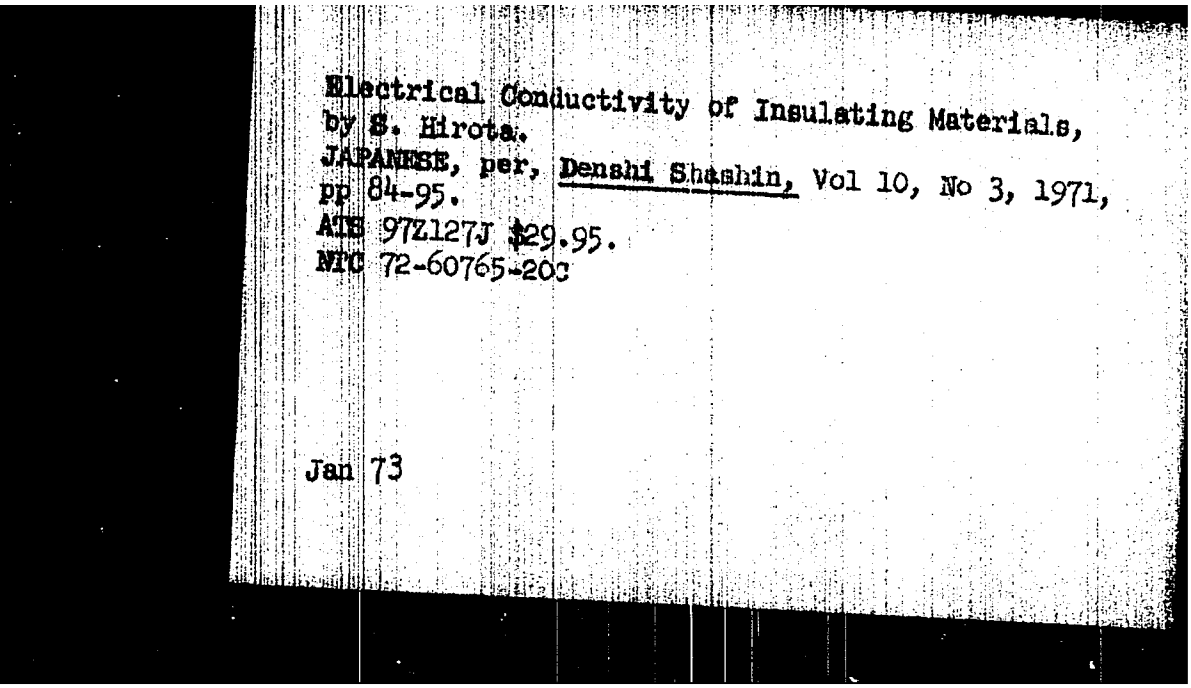
APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies on Transfer of Electrophotographic Powder Images. Part V. Configurational Studies of Magnetic Brush Development, by N. Kutsuwada. JAPANESE, per, Denshi Shashin, Vol 10, No 3, 1971, ATS 99Z127J $21.30 NTC 72-60767-14E

Jan 73

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2



Electrical Conductivity of Insulating Materials,
by S. Hirota.
JAPANESE, per, Denshi Shashin, Vol 10, No 3, 1971,
pp 84-95.
ATE 97Z127J $29.95.
NTC 72-60765-203

Jan 73

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Transfer of Electrostatic Images to Dielectric Films Without a Conductive Layer, by M. Anzai. JAPANESE, per, Denshi Shashin, Vol 10, No 3, 1971, pp 95-104.
ATS 98Z127J $29.60
NTC 72-60766-14E

Jan 73

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Studies of the Loss-of-Coolant Accident in Water-Cooled Nuclear Power Reactors, by T. Takekoshi. JAPANESE, per, Denski Shikensho Iho, 31, 1967, pp 1235-1246.
*AEC

Nucl Sci
July 69

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Denshi Tsushin Gakkai Ronbunshi, Vol 51, No 5, 1968.

Full tr by IEEE

Available at Ly Serials

Apr 69

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Denshi Tsushin Gakkai Ronbunshi, Vol 51, No 6, 1968.

Full tr by IEEE

Available at Ly Serials

May 69

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Denshi Tsushin Gakkai Ronbunshi, Vol 51, No 7, 1968.

Full tr by IEEE

Available at Ly Serials

June 69

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

1968

Denshi Tsushin Gakkai Ronbunshi, Vol 51, No 8, 1968.

Full tr by IEEE

Available at Ly Serials

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Denshi Tsushin Gakkai Ronbunshi, Vol 51, No 9, 1968.

Full tr by IEEE

Available at Ly Serials

Aug 69

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Denshi Tsushin Gakkai Ronbunshi, Vol 51, No 1o, 1968.

Full tr by IEEE

Available at Ly Serials

Aug 69

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Denshi Tsuchin Gakkai Ronbunshi, Vol 51,No 11, 1968.

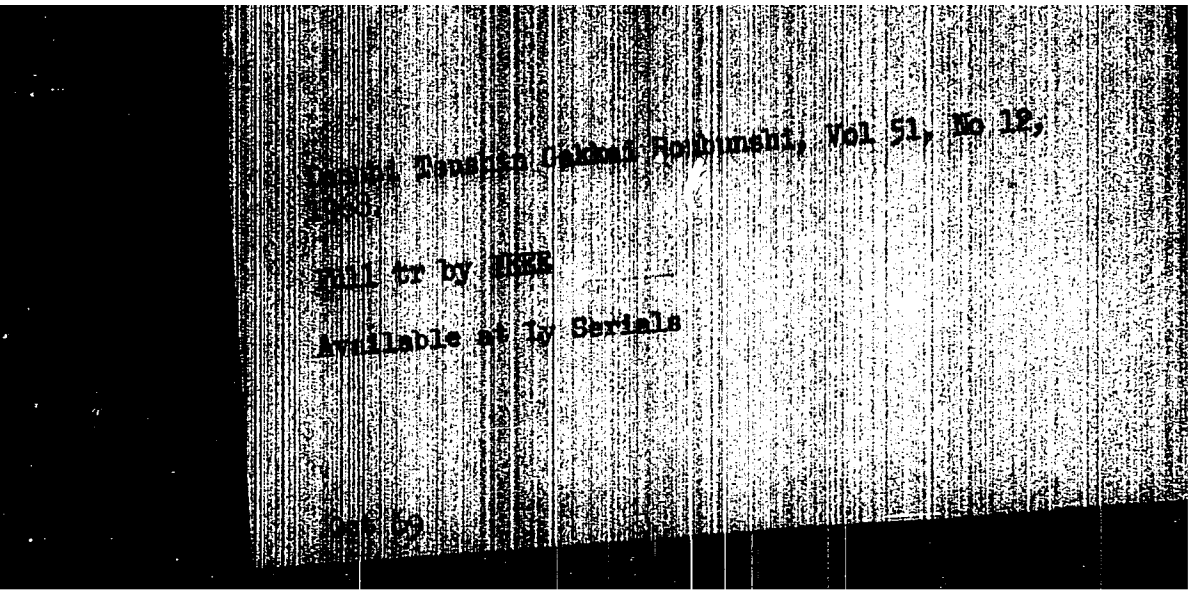
Full tr by IEEE

Available at Ly Serials

Sept 69

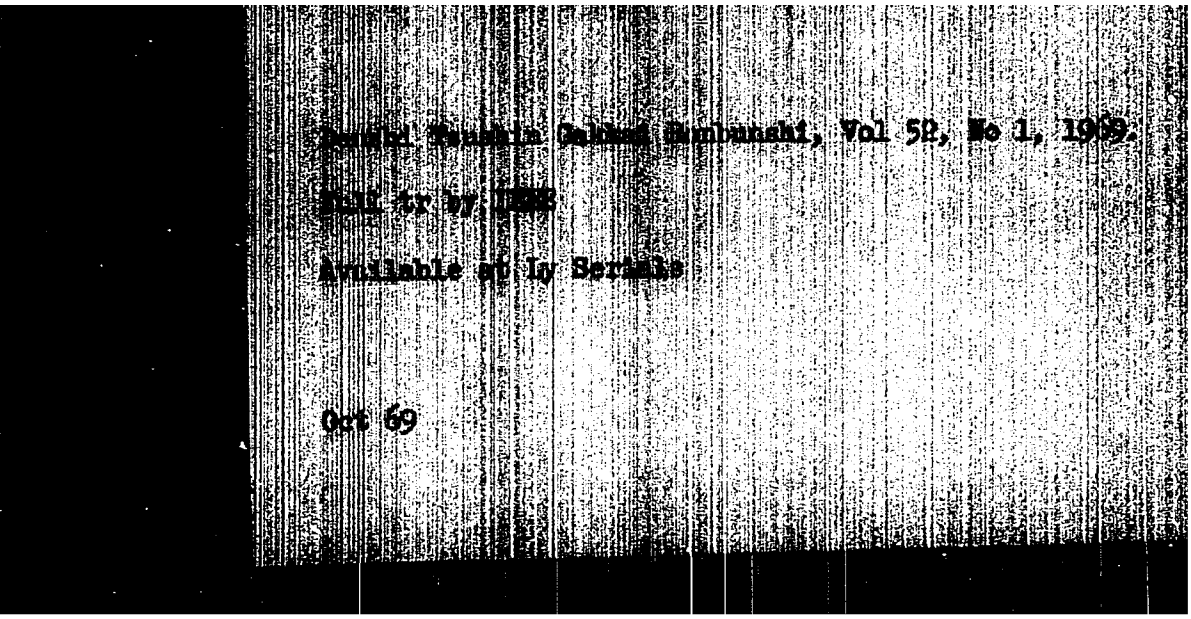
APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2



APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2



Kexue Tongbao Peking Chinese Edition, Vol 52, No 1, 1969.

Trans 4r by [redacted]

Available on Ly Service

Oct 69

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Denshi Tsushin Gakkai Ronbunshi, Vol 52, No 4, 1969.

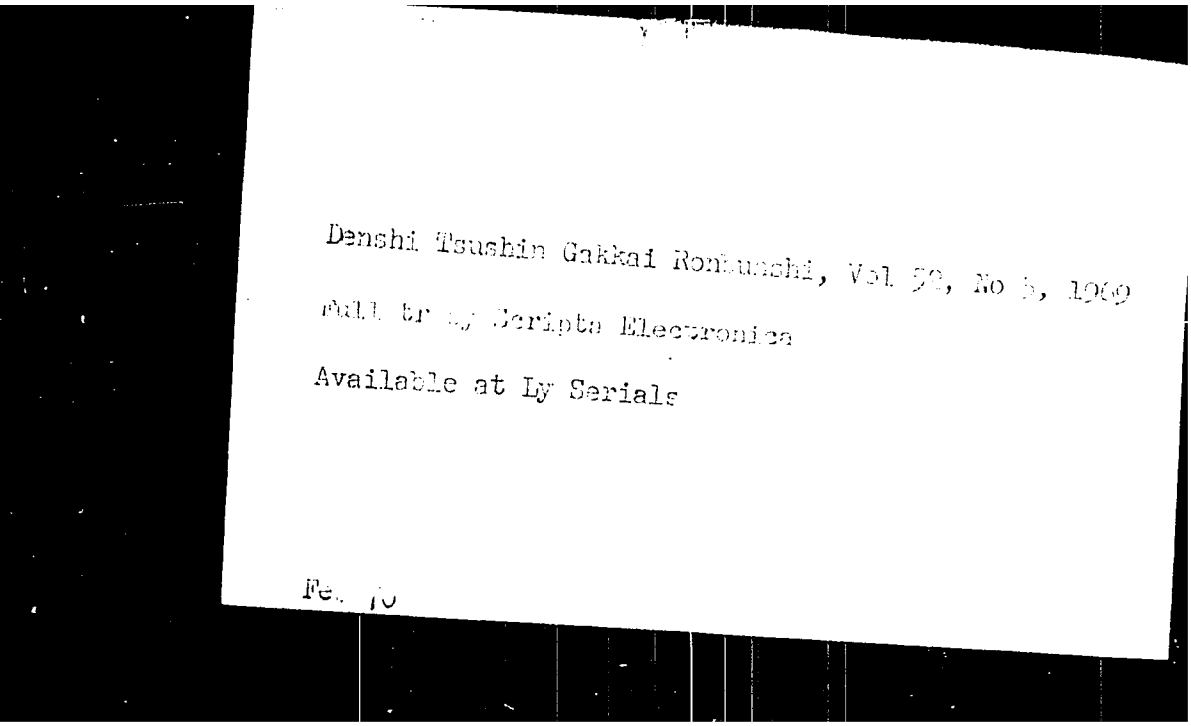
Full tr by IEEE

Available at Ly Serials

Jan 70

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2



Denshi Tsushin Gakkai Ronbunshi, Vol 52, No 5, 1969

Full tr by Scripta Electronica

Available at Ly Serials

Fe. 70

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Denshi Tsushin Gakkai Ronbunshi, Vol 52, No 6, 1969, pp 1-150.

Full Trans. by Scripta Electronica, Inc.

Available at Ly/Serials

Apr 70

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2

Denshi Tsushin Gakkai Ronbunshi, Vol 52, No 7, 1969, pp 1-137.

Full Trans. by IEEE

Available at Ly/Serials

Jun 70

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302060014-2